**Index of Claims** 

| Application/Control | No. |
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09/306,135 Examiner

Khanh B. Pham

Applicant(s)/Patent under Reexamination

FARMER ET AL.

Art Unit

2167

| <b>√</b> | Rejected |
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| =        | Allowed  |

| _ | (Through numeral)<br>Cancelled |
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| ÷ | Restricted                     |

| Z | Non-Elected  |
|---|--------------|
|   | Interference |

| A | Appeal   |
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| o | Objected |

| Cla      | im        |          |                 |   |              | Date     | е            |              |          |          |          | Clai     | m        |                 |                    |          | Da       | ate     | -       |          |                    |     | Cla  | aim        |              | -   |  | (        | Date     | 9              |                 |          |          |
|----------|-----------|----------|-----------------|---|--------------|----------|--------------|--------------|----------|----------|----------|----------|----------|-----------------|--------------------|----------|----------|---------|---------|----------|--------------------|-----|--|------------|--------------|---|--|----------|----------|----------------|-----------------|----------|----------|
|          | le        | 2        |                 |   |              |          |              |              |          |          |          |          | Е        |                 |                    |          | Ī        |         |         |          |                    |     |  | Je.        |              |   |  |          |          |                | П               | $\Box$   |          |
| Final    | Original  | 6/23/05  |                 |   |              |          |              |              |          |          | ii<br>ii | <u> </u> | Original |                 |                    |          |          |         |         |          |                    |     | Final  | Original   |              |   |  |          |          |                | iΙ              |          |          |
| iĒ       | Ĕ         | 6/2      |                 |   |              |          | l            |              |          |          | 🗓        | :        | Ĕ        |                 |                    |          |          |         |         | İ        |                    |     | 這  | Öriğ       |              |   |  |          |          |                | ıΙ              |          |          |
|          |           |          |                 |   |              | L        |              |              |          |          |          |          |          | Ш               | $\perp$            |          |          | $\perp$ |         | ┖        | <u> </u>           |     |  |            | L            |   |  | L        | L        |                | Ш               |          |          |
| 1_       | 1         | =        |                 |   | <u> </u>     | <u> </u> | <u> </u>     | _            |          |          |          |          | 51       |                 |                    |          | $\perp$  | _ _     |         |          |                    |     | $ldsymbol{ld}}}}}}$ | 101        | _            |   |  |          |          |                | Ш               |          |          |
| 2_       | 2         | =        |                 |   | _            | L.       | ļ            | ļ_           | Ļ        |          | L_       |          | 52       | Ш               | _                  | _        | _        | _L      |         | $\perp$  | _                  |     |  | 102        | _            |   |  |          |          |                | Ц               |          | ш        |
| 3        | _3        | =        |                 |   | _            | L        | <u> </u>     | ļ.,          | _        | Ц        | <u> </u> | _        | 53       | Ш               | _                  | _        | _        | ┵       |         | 丄        | _                  |     | L  | 103        |              | $ldsymbol{ld}}}}}}$ |  | L        | _        |                | Ш               |          |          |
| 4        | 4         | =        | $\perp$         |   | <u> </u>     | L        | <u>_</u>     | _            |          |          | L.       | _        | 54       |                 |                    | 4        |          | 4       |         | ↓_       | Щ                  |     |  | 104        |              | $ldsymbol{ld}}}}}}$ |  | L        | L        |                | Ш               | _        |          |
| 5        | 5         | =        | $\dashv$        |   | <u> </u>     | <u> </u> | <u> </u>     | <u> </u>     | <u> </u> | Ц        | $\vdash$ |          | 55       | $\sqcup$        | -                  | -        | _        | $\perp$ | _       | -        | _                  |     |  | 105        |              | _   | <u> </u>   | _        | _        |                | Ш               | _        | <b>_</b> |
| 6        | 6         | =        | _               |   | _            | _        | ┡            | -            |          | _        | <u> </u> | 4        | 56       | H               | 4                  | 4        | +        | +       |         | ╄        | ╄                  |     | L  | 106        | _            | <u> </u>  | <u> </u>   | <u> </u> |          |                | $\sqcup$        | _        |          |
| 7        | 7         | =        | $\dashv$        |   | _            |          | ├            | 1            | 1        | _        | $\vdash$ |          | 57       | $\sqcup$        | -                  | 4        | +        | _       | -       | ╀        | ╀                  |     |  | 107        | <u> </u>     | <u> </u>  | ┝  |          | $\vdash$ |                | ⊢⊢              |          | —        |
|          | 8         | H        | $\dashv$        |   | <u> </u>     | ⊢        | ┝            | ├-           | -        | _        | -        | +        | 58       | $\vdash$        | $\dashv$           | $\perp$  | +        | +       | -       | ┼-       | —                  |     | <u> </u>   | 108        | _            | _   |  | H        | _        |                | $\vdash \vdash$ | ᅱ        | —        |
|          | 9         | $\vdash$ | $\dashv$        |   | ⊢            | ⊢        | -            | ├            | l-       | _        | -        | +        | 59       | $\vdash$        | $\dashv$           | +        | +        | +       | -       | ╀        | -                  |     |  | 109        | _            | _   |  |          |          |                | Н               | -        |          |
|          | 10        |          | -+              |   | -            | ┢        | ┡            | ⊬            | ┢        | $\dashv$ | $\vdash$ |          | 60       | $\vdash \vdash$ | -+                 |          | +        | +       | +       | ╀        | +                  |     |  | 110        | ⊢            | ⊢   | $\vdash$   |          | _        | _              | $\vdash$        | $\dashv$ | _        |
|          | 11<br>12  |          | $\vdash$        |   | -            |          | <del> </del> | ├            | $\vdash$ | $\dashv$ | $\vdash$ | +        | 61<br>62 | $\vdash \vdash$ | $\dashv$           | $\dashv$ | $\dashv$ | +       | +       | +        | $\vdash$           |     | $\vdash \vdash$  | 111        | <del> </del> | $\vdash$  | <del>                                     </del> | $\vdash$ | $\vdash$ |                | $\vdash$        | $\dashv$ | -        |
|          | 13        | $\vdash$ | $\vdash \vdash$ |   | $\vdash$     |          | ⊢            | $\vdash$     | $\vdash$ | $\dashv$ | -        |          | 63       | $\vdash$        | $\dashv$           | +        | +        | +       |         | +-       | +                  |     | $\vdash$   | 112<br>113 | $\vdash$     | <del>                                     </del>  | $\vdash$   | $\vdash$ | $\vdash$ | Н              | $\vdash$        |          | _        |
| 8        | 14        | =        | $\vdash$        |   | $\vdash$     | $\vdash$ | +-           | $\vdash$     | -        | $\dashv$ | -        |          | 64       | $\vdash \vdash$ | $\dashv$           | +        | $\dashv$ | +       | +       | +        | $\vdash$           |     | <b> </b>   | 114        | <del> </del> |   | $\vdash$   | $\vdash$ |          | Н              | $\dashv$        | $\dashv$ |          |
| <u> </u> | 15        | <u> </u> | $\vdash$        |   | $\vdash$     | -        | $\vdash$     | $\vdash$     | -        | $\dashv$ | $\vdash$ |          | 65       | $\vdash \vdash$ | $\dashv$           | $\dashv$ | $\dashv$ | +       | +       | +        | $\vdash$           |     |  | 115        | $\vdash$     | $\vdash$  |  | -        | H        |                | $\vdash$        | $\dashv$ |          |
|          | 16        | H        | $\vdash$        |   | <u> </u>     | $\vdash$ | $\vdash$     | $\vdash$     | $\vdash$ | $\dashv$ | $\vdash$ | +        | 66       | $\vdash$        | $\dashv$           | +        | $\dashv$ | +       | +       | +        | $\vdash$           |     |  | 116        | $\vdash$     | $\vdash$  | $\vdash$   | -        | -        | $\vdash\vdash$ | $\dashv$        | $\dashv$ |          |
|          | 17        | -        | $\vdash$        |   | <del> </del> | $\vdash$ | $\vdash$     | $\vdash$     | $\vdash$ | $\dashv$ | -        |          | 67       | $\vdash$        | $\dashv$           | $\dashv$ | +        | +       | +       | +        | +                  |     | $\vdash$   | 117        | $\vdash$     | $\vdash$  | $\vdash$   | -        | $\vdash$ | $\vdash$       | $\dashv$        | $\dashv$ |          |
| 9        | 18        | =        | $\dashv$        |   | -            | ┢┈       | ├─           | -            | $\vdash$ | $\dashv$ | -        |          | 68       | $\vdash$        | $\dashv$           | +        | +        | +       | +-      | ╁╌       | +                  |     |  | 118        | $\vdash$     |   | H  | $\vdash$ | -        | -              | $\dashv$        | 긤        | _        |
| 10       | 19        | =        | $\dashv$        |   | ┝            | $\vdash$ | ┢            | ╁            | -        |          | -        |          | 69       | $\vdash$        | $\dashv$           | $\dashv$ | $\dashv$ | +       | +       | ╁        | ╁╾                 | 1   |  | 119        | -            |   |  | $\vdash$ |          |                | $\vdash$        | $\dashv$ | _        |
| 11       | 20        | =        | $\dashv$        | _ | ├─           | ├-       | ┢            | _            |          | $\dashv$ | -        | +        | 70       | $\vdash$        | $\dashv$           | +        | +        | +       | +       | ╁        | +                  |     |  | 120        |              |   | -  | $\vdash$ |          |                | $\dashv$        | -        |          |
| 12       | 21        | =        | H               |   | _            | -        | 1            | ╁            | H        | $\dashv$ | -        |          | 71       | $\vdash$        | -                  | $\dashv$ | +        | +       |         | ╁        | ╁                  |     |  | 121        | $\vdash$     | Н   | $\vdash$   | -        | $\vdash$ | Н              | H               | $\dashv$ |          |
| 13       | 22        | =        | $\dashv$        |   | -            | -        | $\vdash$     | H            |          |          | $\vdash$ |          | 72       | H               | $\dashv$           | $\dashv$ | $\dashv$ | +       | +-      | +-       | +                  |     |  | 122        |              |   |  | -        | $\vdash$ | -              | $\dashv$        | $\dashv$ |          |
| 14       | 23        | =        | $\dashv$        |   | _            | $\vdash$ | $\vdash$     | $\vdash$     | Н        |          | -        | +        | 73       | $\Box$          | $\dashv$           | $\dashv$ | $\dashv$ | +       | +       | ╁        | +                  |     |  | 123        |              |   |  |          | -        |                | $\vdash$        | -        |          |
| 15       | 24        | =        | $\dashv$        |   | $\vdash$     | -        | ╁╌           | ╁            | Н        | $\dashv$ | $\vdash$ | ╅        | 74       |                 | -+                 | $\dashv$ | $\dashv$ | +       | +       | ╁╌       | $\vdash$           |     |  | 124        |              |   |  |          | -        | $\vdash$       | $\dashv$        | $\dashv$ |          |
| 16       | 25        | =        |                 |   | $\vdash$     | -        |              | $\vdash$     | Н        | $\dashv$ |          |          | 75       | $\vdash$        | $\dashv$           | $\dashv$ | +        | +       | +       | ╁╴       | +                  |     |  | 125        | $\vdash$     | $\vdash$  |  |          | _        | Н              | $\Box$          | $\dashv$ | _        |
| 17       | 26        | =        | $\Box$          |   | _            |          |              | T            | Н        | $\dashv$ | -        |          | 76       |                 | 寸                  | $\dashv$ | $\top$   | $\top$  |         | ✝        | 1                  | li  |  | 126        |              | $\vdash$  |  | _        |          |                | 一               | $\dashv$ |          |
| 18       | 27        | =        | $\Box$          |   |              |          | T            | T            | П        | $\Box$   |          | 十        | 77       | $\Box$          | 寸                  | 十        | 十        | _       | $\top$  | T        |                    | l i |  | 127        |              |   |  |          |          |                |                 | $\neg$   | _        |
| 19       | 28        | =        |                 |   |              |          |              |              |          |          |          |          | 78       |                 | ┪                  | 十        | 十        | 十       | $\top$  | T        |                    |     |  | 128        |              |   |  |          |          |                |                 | コ        |          |
| 20       | 29        | =        | П               |   |              |          | Г            |              |          |          |          | T        | 79       |                 | $\neg$             |          |          | $\top$  | T       | 1        |                    |     |  | 129        |              |   |  |          |          |                | П               | ╛        |          |
| 21       | 30        | =        |                 |   |              |          |              |              |          |          |          | 1        | 80       |                 | $\neg$             | 寸        | T        | ╗       | 7       | 1        |                    |     |  | 130        |              |   |  |          |          |                |                 | コ        |          |
| 22       | 31        | =        |                 |   |              |          |              |              |          |          |          |          | 81       |                 |                    |          |          |         | T       | T        |                    |     |  | 131        |              |   |  |          |          |                |                 | $\neg$   |          |
|          | 32        |          |                 |   |              |          |              |              |          |          |          |          | 82       |                 |                    |          |          |         |         |          |                    |     |  | 132        |              |   |  |          |          |                |                 | $\neg$   |          |
|          | _33       |          |                 |   |              |          |              |              |          |          |          |          | 83       |                 |                    |          | $\perp$  | $\perp$ | $\perp$ |          |                    |     |  | 133        |              |   |  |          |          |                |                 |          |          |
|          | 34        | Ш        | $\Box$          |   | <u> </u>     |          |              |              |          | $\Box$   |          | $\perp$  | 84       |                 |                    |          | _[       | $\perp$ | Ţ       |          | $\Box$             |     |  | 134        |              |   |  |          |          |                |                 | $\Box$   |          |
|          | 35        |          | $\Box$          |   |              | <u> </u> |              | <u> </u>     | Ш        | Ц        | L        |          | 85       | Щ               | _                  | $\perp$  | $\perp$  | $\perp$ | $\perp$ |          | $\perp$            |     |  | 135        | oxdot        | $oxed{oxed}$  |  |          |          |                |                 |          |          |
|          | _36       | Ш        | Ц               |   |              | <u> </u> | <u> </u>     | L            | $\sqcup$ | $\sqcup$ |          |          | 86       | $\Box$          | $\perp$            |          |          | $\perp$ | ┸       | L        | $oxed{oxed}$       |     |  | 136        |              |   |  |          |          |                | $\Box$          | [        |          |
|          | 37        | Ш        | $\sqcup$        |   | L_           | <u> </u> |              | _            | Ш        | Ш        | L        |          | 87       | Ш               | _                  | $\perp$  | $\perp$  | _ _     |         | 1        | $\perp$            |     |  | 137        |              | Ш   |  | Ш        |          |                |                 |          |          |
|          | 38        | Ш        | Ц               |   | <u> </u>     | L.       | L_           | <u> </u>     | Ш        | Ц        |          |          | 88       | $\Box$          |                    | $\perp$  | $\perp$  | $\perp$ | $\perp$ | <u>L</u> | $\perp$            |     |  | 138        |              |   |  |          |          |                |                 |          |          |
|          | 39        | Ш        | $\sqcup$        |   | <u>L</u>     | L        | L_           | L            | Ш        | Ц        | <u> </u> |          | 89       | Щ               | _                  | $\perp$  | $\perp$  | $\perp$ | $\perp$ | 1        | $oldsymbol{\perp}$ |     | ļl   | 139        |              | Ш   | Ш  | Ш        |          | Ш              | Ш               |          |          |
|          | 40        | Ш        | $\sqcup$        |   | $\vdash$     | Щ.       | ļ            | L            | Ш        | _        | <u> </u> |          | 90       | $\sqcup$        | _                  | 4        | 4        | ┵       | $\perp$ | 1        | 1_                 |     |  | 140        | L.,          | Щ   | Ш  | Ш        | Щ        | Щ              | $\dashv$        |          | _        |
|          | 41        | Щ        | $\sqcup$        |   | L            | <u> </u> | <u> </u>     | <u> </u>     | Ш        | _        | <u> </u> | _        | 91       | $\sqcup$        | _                  | $\dashv$ | $\perp$  | 4       | _       | ╀-       | $\perp$            |     |  | 141        | Щ.           | Щ   | Ш  | Щ        | Ш        |                | Щ.              |          | $\dashv$ |
|          | 42        | Ш        | $\sqcup$        |   | <u> </u>     | <u> </u> | _            | _            | Ш        | _        | <u> </u> |          | 92       | $\sqcup$        | _                  | $\perp$  | 4        | +       | 4       | 4_       | Н                  |     |  | 142        |              | Щ   | Щ  | Щ        |          | Щ              |                 | ᆜ        | _        |
|          | 43        | Н        |                 | _ | $\vdash$     | $\vdash$ | <u> </u>     | ⊢            | Щ        |          | <u> </u> |          | 93       | $\dashv$        | -                  | -        |          | +       | +       | ╀-       | $\vdash$           |     |  | 143        | L            | Ш   | Ш  | Щ        | L.,      |                |                 | _        | $\dashv$ |
|          | 44        | Ш        | $\dashv$        | _ | <u> </u>     | <u> </u> | <u> </u>     | <del> </del> | Н        | 4        | _        | +        | 94       | $\sqcup$        | $\dashv$           | +        | +        | +       | +       | +        | $\vdash$           |     |  | 144        | <u> </u>     | Щ   | Ш  | Ь        |          |                | <u> </u>        |          | _        |
|          | 45        | Щ        | $\dashv$        | _ | <u> </u>     | -        |              |              | Н        | $\dashv$ | -        | +        | 95       | $\vdash$        | +                  | +        | +        | +       | +       | +        | $\vdash$           |     | <del>                                     </del>   | 145        | <u> </u>     | Н   | Щ  | Щ        | _        |                |                 | -        |          |
|          | 46        | Н        | -+              |   | -            | H        | <del> </del> | 1            | Н        |          | -        |          | 96       | $\dashv$        | +                  | -        | +        | +       | +       | +        | $\vdash$           |     |  | 146        | H            | Н   | Ш  | <b>-</b> |          | $\Box$         | $\dashv$        | _        |          |
|          | 47        | Н        | $\dashv$        |   | $\vdash$     | -        | ├-           | ├-           | Н        | 4        | -        |          | 97       |                 | -                  | +        | +        |         | +-      | 1        | $\vdash$           |     |  | 147        | -            | Щ   | -  | Ш        | Щ        |                | $\dashv$        |          |          |
|          | 48<br>49  | Н        | $\dashv$        |   | $\vdash$     | -        | $\vdash$     | $\vdash$     | $\vdash$ | $\dashv$ | -        |          | 98<br>99 | $\dashv$        | $\dashv$           | +        | +        | -       | +       | +        | ╁┤                 |     |  | 148        | $\vdash$     | Н   | $\vdash$   | Н        |          |                |                 |          |          |
|          | 50        | Н        | $\dashv$        |   | $\vdash$     |          | $\vdash$     | -            | Н        |          | $\vdash$ |          |          | $\dashv$        | $\dashv$           | +        | +        | +       | +-      | +        | $\vdash$           |     |  | 149        | $\vdash$     | Н   | $\vdash$   | Н        | Щ        | -              | $\dashv$        | $\dashv$ | $\dashv$ |
|          | <u>ου</u> |          |                 |   | L            |          | $L_{-}$      |              | Ш        |          |          |          | 100      |                 | $oldsymbol{\perp}$ |          |          | ┸       |         |          |                    |     |  | 150        |              | Ш   |  |          |          | $\Box$         |                 |          | !        |